Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 15 Mar 2021 until 23:59 on Tuesday 16 Mar 2021

Forecast Issued on Sunday 14 Mar 2021 at 09:21

Confidence: High for the main themes with mainly dry weather over the coming days. Lower confidence for cloud amounts. Also some uncertainty for temperatures late in the week.

Headline for Monday 15 Mar 2021: Dry with sunny spells. Brisk northwesterly winds easing.

Mountain weather hazards on Monday 15 Mar 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Fog	Cloudy	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability							
10%	10%	<05%	<05%	<05%	<05%	<05%	10%

Forecast for Monday 15 Mar 2021

Weather: Isolated showers overnight, soon dying out. A dry day with increasingly bright or sunny spells. Clouding over in the evening with patchy light rain or drizzle arriving late evening.

Chance of cloud free mountain/hill tops above 600m: 30% at first then becoming 80%, but becoming 10% late evening.

Visibility: Areas of low cloud above 400 or 500m at first, lifting through the morning. Otherwise good visibility. Becoming poor later in evening with extensive cloud developing above 400m.

Forecast for Monday 15 Mar 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/23 NW	16/23 NW	14/21 NW	14/19 NW	12/18 NW	12/17 NW	8/12 W	7/11 W	8/11 SW
300	9/21 W	10/22 NW	7/19 NW	7/15 NW	8/16 NW	8/15 NW	4/11 W	3/9 W	3/9 SW
Valley	4/15 W	5/16 NW	3/12 NW	4/11 NW	7/14 NW	7/15 NW	3/10 W	2/5 W	2/6 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-4	2/-4	1/-4	2/-3	4/-1	4/0	4/1	4/0	3/-0
300	4/1	4/0	3/0	5/2	7/5	8/6	6/5	5/4	5/4
Valley	5/3	4/2	3/1	6/4	8/6	9/7	7/6	6/5	6/5
Freezing Level*	900m	900m	800m	700m	800m	1000m	1000m	1100m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling quite cold on the tops with a marked wind chill in the morning.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 14 Mar 2021	8.2mm	25.8mm	37.2mm

Forecast for Tuesday 16 Mar 2021

Weather: A damp start with occasional light rain or drizzle. This will soon clear away in the morning then dry with plenty of sunshine but windy on the tops. Dry and clear in the evening.

Maximum wind: West or Northwest 20-25mph, gusts 40mph.

Chance of cloud free mountain/hill tops above 600m: 10% at first, soon becoming 95%.

Visibility: Very poor at most heights at first with extensive cloud above 300 or 400m. Becoming good through the morning as rain and low cloud clear away.

Temperature: **Valleys:** Plus 7C rising to 12 or 13C, falling to 3 or 4C after dark.
At 600m: Plus 3C rising to 6 or 7C.
Freezing level: Above the summits.